

## Claims:

1. A method of producing a laminate material comprising the steps of:
  - a. extruding or providing a thermoplastic film;
  - 5 b. forming a pattern of shapes defined by thin and thick areas in said film;
  - c. exposing said film to heat while said film is under tension, such that said heat causes polymer within said film to flow from said thin areas to said thick areas, thereby creating a pattern of open spaces within said film;
  - 10 d. bonding said film to at least one nonwoven material, whereby a netting and nonwoven material laminate is formed.
2. A method of producing a bidirectional stretch material comprising the steps of:
  - a. extruding or providing a thermoplastic film;
  - 15 b. forming a pattern of closed shapes within said film, such that there are thicker and thinner areas in said film, corresponding to the pattern;
  - c. bonding said patterned film to a sheet material that is extensible in at least two directions so as to create a film and nonwoven material laminate with bidirectional stretch.
- 20 3. A method of producing a stretch material comprising the steps of:
  - a. extruding or providing a thermoplastic film;
  - b. forming a pattern of closed shapes within said film, such that there are thicker and thinner areas in said film, corresponding to the pattern;
  - 25 c. exposing the patterned film to heat while said film is under tension, such that said heat causes polymer within said film to flow from said thin areas to said thick areas, thereby creating a pattern of open spaces within said film; such that a netting material is formed;
  - d. bonding said netting material to a sheet material.
- 30 4. The method of claim 3 wherein said sheet material is bonded to said netting material while said netting material is under tension.
5. The method of claim 3, wherein said sheet material is a nonwoven web.
- 35 6. The method of claim 5, wherein said nonwoven web is a necked nonwoven web.

7. A method of producing a stretch material comprising the steps of:
- a. extruding a thermoplastic film;
  - b. passing said extruded film through a nip of two rolls having first and second  
5 roll surfaces, wherein said first roll surface includes a raised closed shape  
pattern and said second roll surface is a flat anvil surface;
  - c. forming a pattern in said film with said rolls, while chilling said film, such  
that there are thicker and thinner areas in said film, corresponding to the  
pattern on said first roll surface;
  - d. passing said patterned film under tension, by a heated air stream, whereby  
10 the polymer in the thinner patterned areas is removed, thereby creating a  
netting material.
8. The method of claim 7 further including the step of bonding said netting material to  
15 at least one other sheet material.
9. The method of claim 8 wherein said bonding step is accomplished while said  
netting is under tension.
10. The method of claim 8 wherein said at least one other sheet material is a  
20 nonwoven web.
11. The method of claim 8 wherein at least one other sheet material is at least two  
sheet materials, each bonded to opposite sides of the netting material.
12. The method of claim 10 wherein said nonwoven web is a necked nonwoven web.
13. The method of claim 7 wherein said closed shape pattern is elongated in the cross-  
25 machine direction.
14. A netting material made in accordance with claim 7.
15. A laminate made in accordance with claim 8.
16. A personal care product, protective outerwear or protective outer covering  
30 comprising a netting material made in accordance with claim 7.

17. A personal care product, protective outerwear or protective outer covering comprising a laminate made in accordance with claim 8.

- 5 18. A method of producing a stretch material comprising the steps of:
- a. extruding or providing a thermoplastic film;
  - b. forming a pattern of closed shapes within said film, such that there are thicker and thinner areas in said film, corresponding to the pattern;
  - c. bonding said patterned film to a sheet material that is extensible in at least
- 10 one direction so as to create a film and nonwoven material laminate with stretch in at least one direction.